

ALI ZIA UDDIN

Software Engineer

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Karachi, Pakistan

EXPERIENCE

Sahl AI

Founding Software Engineer

Hybrid, Riyadh - KSA
Nov 2023 – Present

Helping doctors by writing their clinical notes by the use of AI

- Single-handedly developed the entire frontend, achieving basic functionality in just 1 month.
- Contributed to backend development, creating critical flows and APIs for enhanced functionality.
- Successfully revamped UI to elevate appearance and user experience, crucial for investor presentations.
- Entrusted with leading standup meetings in the absence of the CTO, showcasing strong leadership and communication skills.

Chikoo

Software Engineer

Karachi, Pakistan
March 2022 – Nov 2023

Ecommerce Startup enabling SMEs to get digitize.

- Led a team responsible for the successful deployment of backend solutions in a production environment.
- Developed and managed payment-related functionalities by architecting a microservice in Node.js with TypeScript.
- Spearheaded the creation of a new microservice in Node.js with TypeScript for seamless merchant integrations.
- Engineered an order placement bot on WhatsApp utilizing WABA APIs, enhancing the user experience and facilitating the on-boarding of new clients.
- Mentored and coached three junior team members, fostering professional growth and knowledge transfer.
- Conducted code reviews and mentored junior developers to improve code quality and ensure adherence to best practices
- Improved database performance by 50% through query optimization and indexing.
- Successfully implemented Elasticsearch for querying, replacing reliance on the primary database. This strategic change led to an impressive 70% reduction in response time on the client side, significantly enhancing the overall performance and user experience
- Implemented unit and integration testing that increased code coverage to 70%, reducing the number of production issues by 95%.

Brandverse Pvt

Associate Software Engineer

Karachi, Pakistan
March 2021 – March 2022

Content Creation Product Company for FMCG and Fashion

- Implemented new features facilitating the streamlined assignment of photographers and content creators, enhancing operational efficiency.
- Led a comprehensive overhaul of existing processes in alignment with updated specifications, optimizing workflow and productivity.
- Assumed responsibility for the seamless deployment of product updates, ensuring a smooth and efficient implementation.
- Provided technical support to cross-functional teams utilizing the product, contributing to an enhanced user experience and resolving issues promptly.

EDUCATION

Institute of business administration (IBA)

Data Science (MSDS)

Karachi, Pakistan
January 2022 – 2024

Machine Learning, Deep Learning, Big Data Analysis, Reinforcement Learning

Thesis Title: Resilient Reinforcement Learning with Reward Shaping (In collaboration with Coventry University, UK)

University of Karachi

Computer Science (BSCS) | GPA: **3.55** / 4.00

Karachi, Pakistan
January 2017 – November 2020

SKILLS

Javascript · Node.js · React.js · Typescript · GraphQL · Rest Api · Dgraph · MongoDB · Postgres · Elastic Search · Redis · Sockets.io · PubSub · Google Cloud Platform (GCP) · Google Kubernetes Engine (GKE) · Docker · Heroku · Vercel · PythonAnywhere · Amazon Web Services · EC2 · App Runner · S3 · SES · Alicloud · Oracle Cloud · Python · Flask · Django · Fast API · Pandas · Numpy · Matplotlib · Seaborn · NLTK